

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

TANZI *et al.*

Appl. No. To be assigned

Filed: Herewith (October 25, 1999)

For: **A Diagnostic Assay for  
Alzheimer's Disease: Assessment  
of A $\beta$  Abnormalities**

Art Unit: To be assigned

Examiner: To be assigned

Atty. Docket: 0609.4110001/REF/JUK

Pre Amendt/A  
AT P#2  
10-15-99

**Preliminary Amendment and Submission of Sequence Listing**

Assistant Commissioner for Patents  
Washington, D.C. 20231

**Box: Patent Application**

Sir:

In advance of prosecution, please enter the following amendments:

*In the Specification*

✓ Page 1, line 20, please delete "proteina" and replace with --protein--; and

✓ line 21, after "found" please insert --in--.

✓ Page 16, at line 15, after "human A $\beta$  peptide" please insert --(SEQ ID NO: 1)--.

✓ Page 18, line 28, please delete "disolving" and replace with --dissolving--.

After page 60, please insert pages 61 and 62 attached hereto, which contain the sequence listing for the subject invention. Please renumber the remaining pages accordingly.

*In the Claims*

Please rewrite claims 1 and 2 as follows:

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1. (Once Amended) An [diagnostic] assay for detecting [and/or quantifying A $\beta$  peptide which may be present in a candidate solution, comprising:

(a) contacting the candidate solution with a solid support with a heavy metal cation immobilized thereon to capture A $\beta$  peptide on the surface of the solid support, thereby forming a first complex which comprises solid support/heavy metal cation/A $\beta$  peptide;